

Harbor-Wide Recontamination Evaluation Elements, Data/Info Sources, and Timeline

Pre-Feasibility Study Dec 2000 – Mar 2012	Feasibility Study & EPA Revisions Mar 2012 – Fall 2012	EPA Proposed Plan Summer/Fall 2013	EPA Record of Decision Fall 2014	Remedial Design Winter/Spring 2015	Five-year Plan
Stormwater workgroup model investigation	Continued analysis of SEDCAM runs				
EPA/DEQ JSCS 2005 <ul style="list-style-type: none"> Option w/flow-weighted data 	EPA/DEQ JSCS <ul style="list-style-type: none"> <i>Joint RE process & protocols development</i> <i>CDM develop standardized protocols for robust site level Recontamination Evaluations</i> <i>Outreach</i> 	EPA/DEQ JSCS <i>DEQ Screening Level RE submittal- Qualitative</i> <ul style="list-style-type: none"> <i>Areas under SCE/SCD</i> <i>Upstream info</i> <i>Regions confirmed through overlay w/ EPA risk analyses</i> <i>Programs (DEQ, City, ODOT)</i> <i>Individual sites data & Loading analyses</i> <i>Limited additional LAs</i> 	EPA/DEQ JSCS <i>EPA formalize Harborwide RE in brief</i> <ul style="list-style-type: none"> <i>Project refinements/quantitative elements</i> 	EPA/DEQ JSCS <i>EPA & DEQ refine RE and add quantitative elements</i> <ul style="list-style-type: none"> <i>EA RE results</i> <i>Upland site results</i> <i>Comparative data (sites, PH 1200Z, additional LAs/modeling)</i> <i>Adaptive mgt/Long-term approach</i> 	
Collect and evaluate Loading Analysis (EPA, USGS, DEQ...) calculation methods and Recontamination Analysis models	<i>Collect and evaluate knowledge on Recontamination Evaluation at other CERCLA sites</i>				
LWG RI <ul style="list-style-type: none"> SW data collection & fate/transport model development iAOPCs/AOPCs id'd SW loading Calc methods 2008 	LWG FS <ul style="list-style-type: none"> SW data & fate/transport model SMA's id'd DEQ/CoP Regions for RE based on upland basins and in-water SMA groupings		LWG RI/FS <i>Cleanup levels set</i>	LWG implement remedies	LWG effectiveness monitoring
DEQ SW Strategy 2009 <ul style="list-style-type: none"> PRP collected data DEQ site discovery data collection 	DEQ SW Strategy <ul style="list-style-type: none"> Data analysis <i>PH 1200Z develop</i> 	DEQ SW Strategy <ul style="list-style-type: none"> <i>Analyze 1st year of 2012 1200Z data</i> <i>PH 1200Z implement</i> 	DEQ SW Strategy <ul style="list-style-type: none"> <i>Analyze 1st year of PH 1200Z data</i> 		
DEQ curves tool 2010 <ul style="list-style-type: none"> PH Industrial SW CoC typical levels 	DEQ curves tool <ul style="list-style-type: none"> <i>Update curves with data since 2010</i> 				
CoP 39 OF Assessments <ul style="list-style-type: none"> Comprehensive data collection & analysis Source id & referrals Programmatic controls 	CoP 39 OF Assessments <ul style="list-style-type: none"> <i>SCE Report</i> ODOT 32 OF Assessments <ul style="list-style-type: none"> <i>BMPs/SCMs & data</i> 	ODOT 32 OF Assessments <ul style="list-style-type: none"> <i>Additional data & effectiveness monitoring</i> 	ODOT 32 OF Assessments <ul style="list-style-type: none"> <i>SCE Report</i> 		
Early Actions – RE proposals <ul style="list-style-type: none"> Gasco T-4 Arkema 	Early Actions - <i>Site Level REs per EPA/DEQ protocols</i>	Early Actions – <i>Site Level REs per EPA/DEQ protocols</i>		Early Actions – <i>Revisit REs</i>	
Upland sites – LA proposals <ul style="list-style-type: none"> ARCO/BP Zidell ODOT/CoP OF 7B Slough T-4 Evraz Or Steel 	Upland sites - <i>Site Level REs per EPA/DEQ protocols</i>	Upland sites - <i>Site Level REs per EPA/DEQ protocols</i>		Upland sites - <i>Revisit REs</i>	

Completed or On-Going
Underway or To Be Completed